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Docket No.: 50090-466

UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231
Sir:

Transmitted herewith for filing is the patent application of:

| FEE VALUE ACCOUNTABILITY | |
|-----------------------------|------------------------|
| DEPOSIT ACCOUNT NO. | |
| 50 0417 | |
| FEES CODE | VALUE PAID/REFUNDED |
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INVENTOR: Hiroshi HORIBE

FOR: SEMICONDUCTOR DEVICE AND WIRE BONDING APPARATUS

Enclosed are:

- 32 pages of specification, claims, abstract.
 Declaration and Power of Attorney.
 Priority Claimed.
 Certified copy of Japanese Patent Application No. 2001-256892
 6 sheets of formal drawing.
 An assignment of the invention to Mitsubishi Denki Kabushiki Kaisha
and the assignment recordation fee.
 An associate power of attorney.
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 Information Disclosure Statement, Form PTO-1449 and reference.
 Return Receipt Postcard

The filing fee has been calculated as shown below:

| | NO. OF CLAIMS | | EXTRA CLAIMS | RATE | AMOUNT |
|-----------------------------|------------------|-----|-----------------|---------|----------|
| Total Claims | 20 | -20 | 0 | \$18.00 | \$0.00 |
| Independent Claims | 2 | -3 | 0 | \$84.00 | \$0.00 |
| Multiple Dependent Claim(s) | | | | | \$0.00 |
| Basic Fee | | | | | \$740.00 |
| Total of Above Calculations | | | | | \$740.00 |
| Less ½ for Small Entity | | | | | \$0.00 |
| Assignment & Recording Fee | | | | | \$40.00 |
| Total Fee | | | | | \$780.00 |



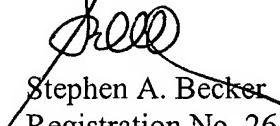
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PATENT TRADEMARK OFFICE

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- Please charge my Deposit Account No. 500417 in the amount of \$780.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
 - Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
 - Any patent application processing fees under 37 CFR 1.17.
 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY


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